

The diagram illustrates a DME fuel system 100. At the top, a fuel tank 4 is shown with a float valve 4a and a vent 4b. Fuel is drawn into a pump 33 and passes through a bypass control section 30, which contains a bypass valve 12a and a main valve 13. The fuel then passes through a DME fuel temperature control section 40, which includes a solenoid valve 32 and a filter 43. The fuel is then injected into the engine 6 via a fuel line 3. The engine 6 is shown in cross-section with various components labeled, including the intake manifold 11, throttle valve 17, and various sensors and actuators. The system is controlled by a bypass control section 30 and a DME fuel temperature control section 40.

FIG. 3

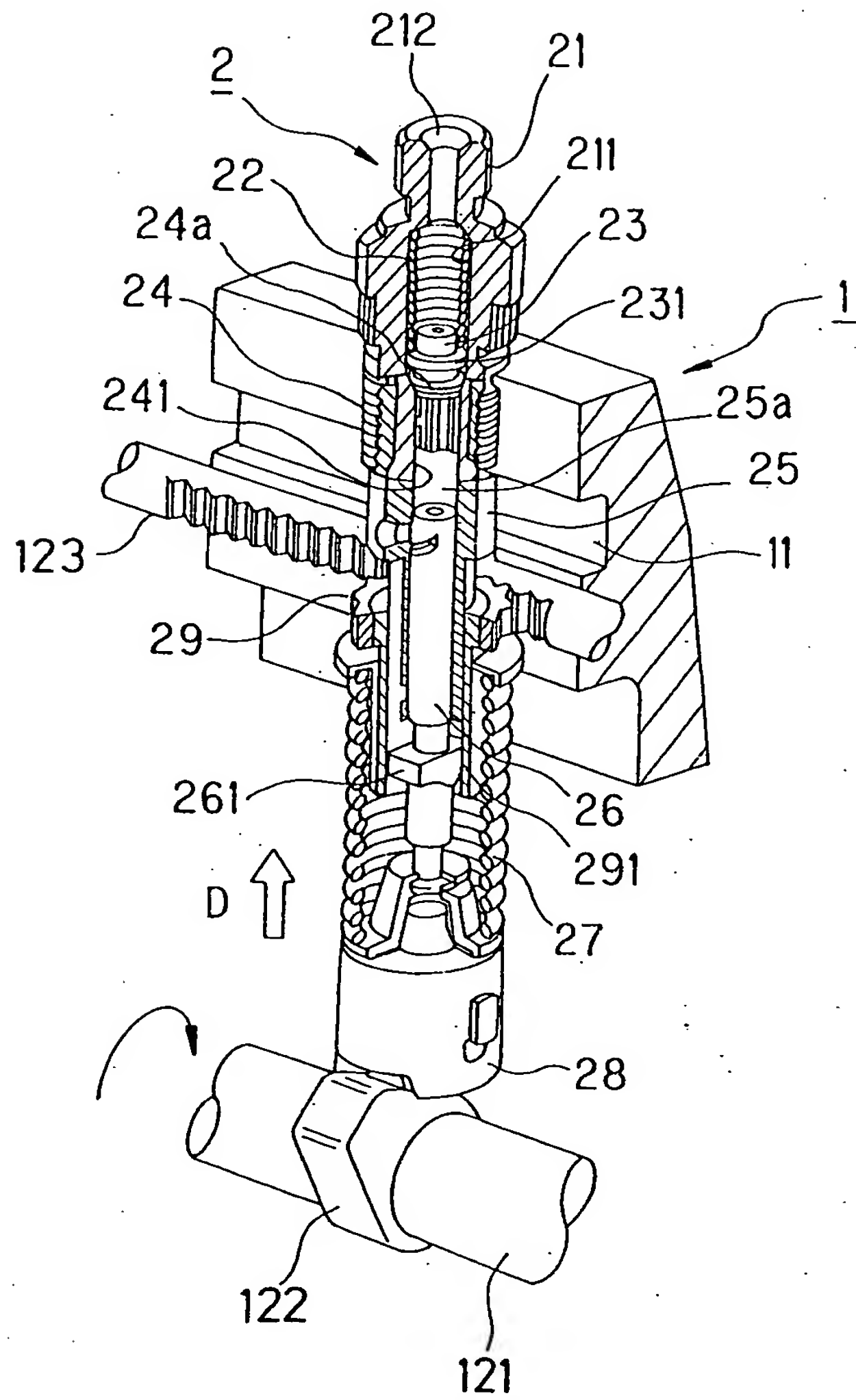


FIG. 4

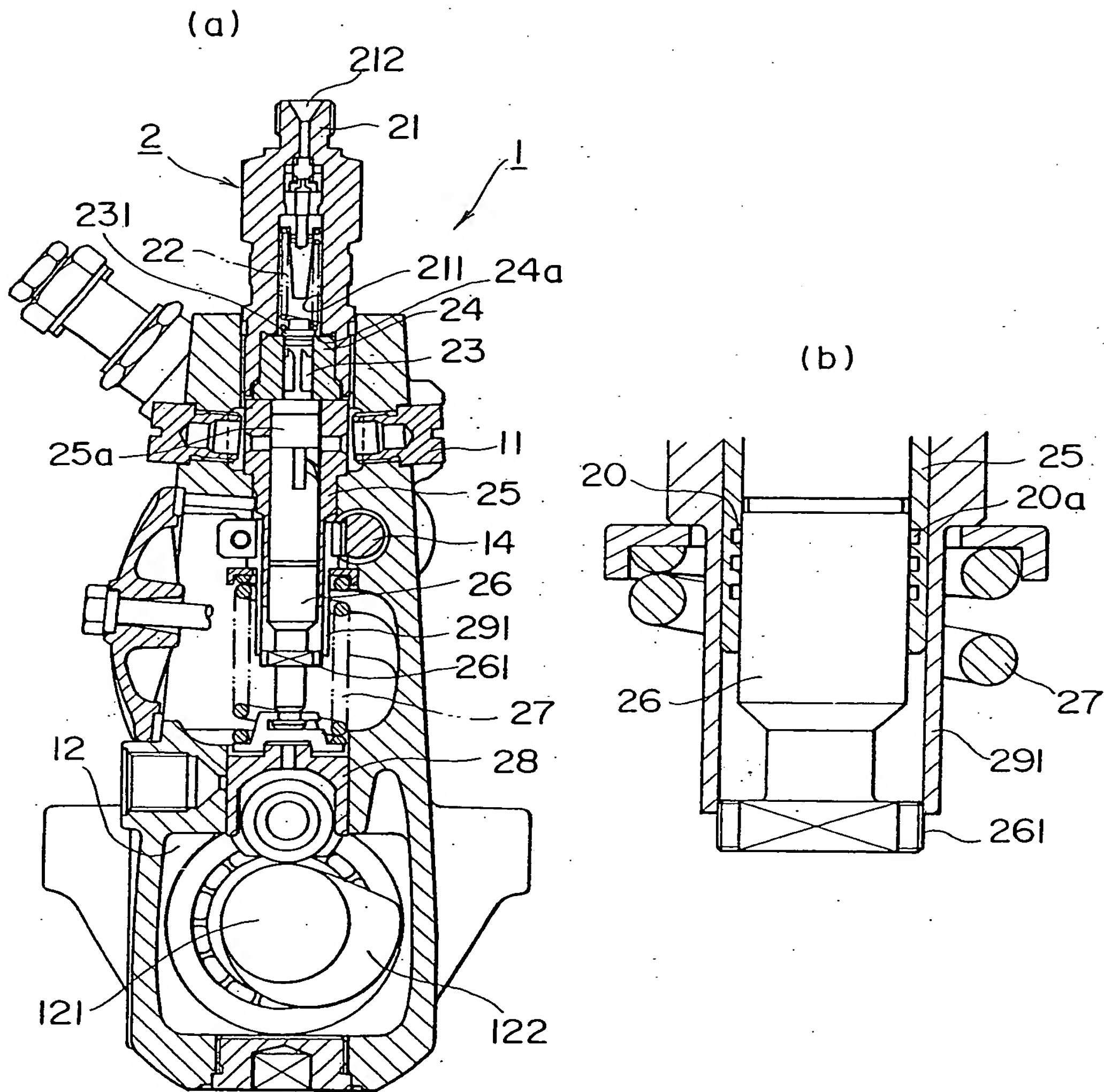


FIG. 5

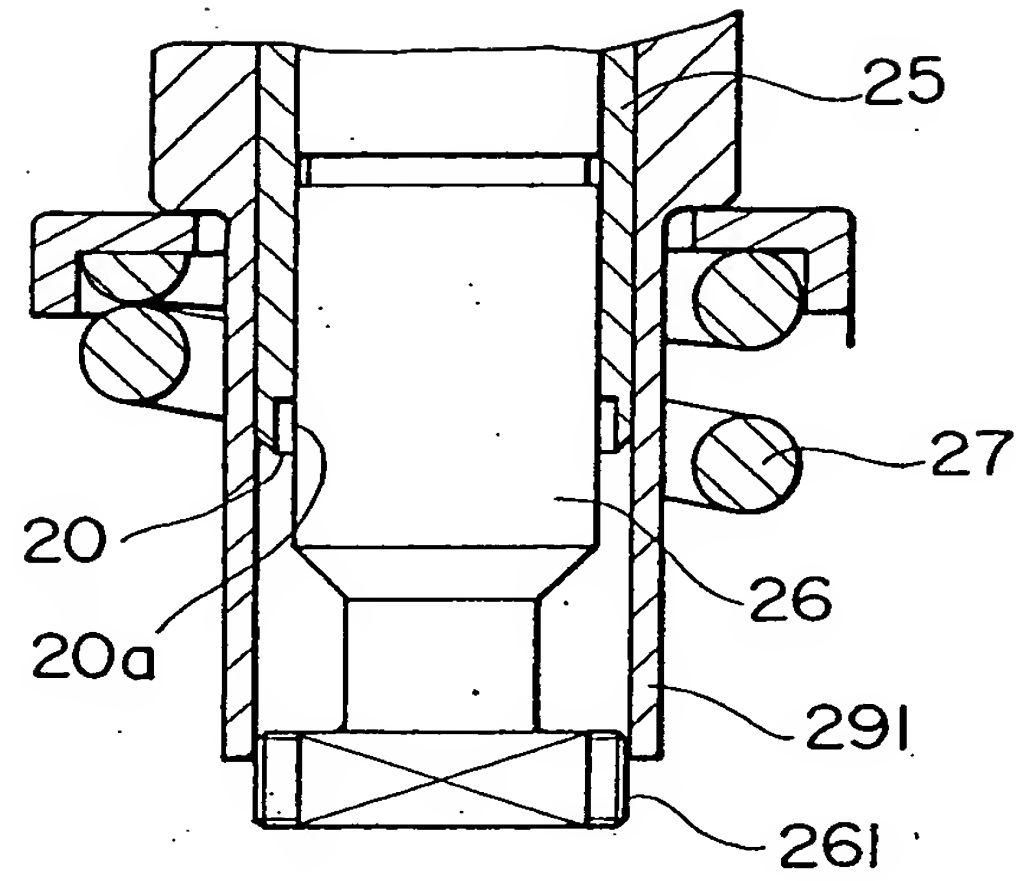
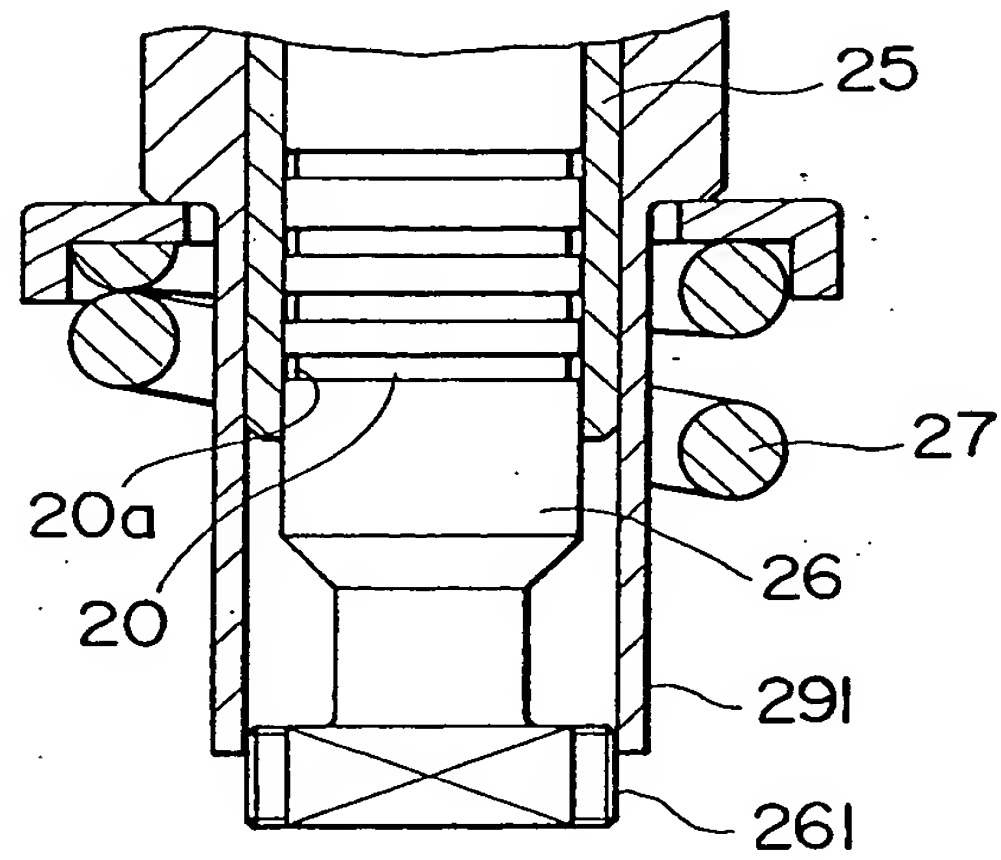


FIG. 6



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FIG. 7

